

CLAIMS

What is claimed is:

1. A system, comprising:
a user network device accessing a remote network resource;
5 a network repository for storing said remote network resource at a remote location other than a local location of said user network device; and
a network processor for receiving an identifier for said remote network resource from said user network device, said network processor operating in response to a processing control from said user network device on said remote network resource at a processing location other than
10 said local location upon receipt of said identifier for said remote network resource from said user network device.
2. The system of claim 1 wherein said user network device is a personal computer and said remote network resource is a document, wherein said network repository includes a server having a memory storing said document and wherein said network processor includes a
15 computing system communicated to a printer, wherein said identifier is a Uniform Resource Locator (URL) for said document stored in said repository and said computing system uses said URL to access and print said document on said printer.
3. A method for processing a network resource, the method comprising:
sending an identifier for a remote network resource to a remote location from a local
20 location;
accessing said remote network resource at said remote location using said identifier;
and
processing said remote network resource at said remote location.
4. The method of claim 3 wherein said processing step includes printing at
25 least a portion of said remote network resource at said remote location.
5. The method of claim 3 wherein said remote network resource is a document, wherein said identifier is a Uniform Resource Locator (URL), wherein said accessing

step retrieves said document using said URL from a network server storing said document, and wherein said processing step includes printing.

6. A network processing system, comprising:
a user network device for locating a remote network resource, said user network
5 device communicated to a network at a first connection speed;
a network repository, communicated to said network, for storing said remote
network resource at a remote location other than a local location of said user network device; and
a network processing system, communicated to said network at a second connection
speed greater than said first connection speed, for receiving an identifier for said remote network
10 resource from said user network device, said network processing system retrieving said remote
network resource from said network repository at said second connection speed and performing a
processing task on said remote network resource on behalf of said user network device.

7. A system, comprising:
a local process executable on a local network device for locating a remote network
15 resource, said process providing a user actuable control for a remote network resource of a particular
type wherein said user actuable control communicates a resource identifier to a remote network
device upon activation;
a remote memory location for storing said remote network resource accessible using
said resource identifier; and
20 a remote process executable on said remote network device for receiving said
resource identifier, accessing said remote network resource from said remote memory location, and
processing said remote network resource.

8. The system of claim 7 wherein said local process is a browser, said
particular type of data is a document, said resource identifier is a Uniform Resource Locator (URL)
25 and said remote process includes a printing function.

9. The system of claim 7 wherein said user actuable control communicates
user account information.

10. The system of claim 7 wherein said user actuable control communicates
resource parameters to said remote network device.

11. The system of claim 8 wherein said document is formatted using a Portable Document Format (PDF).

12. The system of claim 11 wherein said user actuatable control communicates a document parameter to said remote process.

5 13. The system of claim 12 wherein said document parameter includes a total number of pages.

14. A system, comprising:
a local process executable on a local network device for locating a remote network resource, said process providing a user actuatable control for a remote network resource of a particular type wherein said user actuatable control communicates a resource identifier to a remote network device upon activation;
a remote memory location for storing said remote network resource accessible using said resource identifier; and
a remote process executable on said remote network device for receiving said resource identifier, accessing said remote network resource from said remote memory location, and processing said remote network resource,
15 wherein said user actuatable control communicates a resource parameter to said remote process prior to remote processing, with said resource parameter associated with a remote processing charge for said processing.

20 15. The system of claim 14 wherein said remote resource is a document, said document parameter is a number of pages of said document, said processing includes printing at least said number of pages, and said remote processing charge includes a printing charge for said processing.

25 16. A pricing method, the method comprising:
accessing a remote network resource at a local location;
sending an identifier and one or more locally determined processing parameters for said remote network resource from said local location to a remote location; and
determining a processing price for said remote network resource at said remote location using said one or more locally determined processing parameters.

17. A method for network printing, the method comprising:
accessing one or more network documents stored in a remote memory location;
sending one or more identifiers, at least one for each of said one or more network
documents, to a remote process that is associated with a printing system;
5 retrieving said one or more network documents by said remote process from said
remote memory location using said one or more identifiers; and
printing said one or more network documents using said printing system.
18. The method of claim 17 wherein said sending step includes sending account
information to said remote process.
- 10 19. The method of claim 17 wherein said sending step includes sending printing
and shipping instructions to said remote process.
20. The method of claim 17 wherein said sending step includes sending
document parameter information to said remote process.
- 15 21. A network resource processing method, the method comprising:
opening and displaying a remote network resource on a local network device using a
local process of said local network device, said remote network resource stored in a remote memory;
enabling a remote processing control associated with said local process for
communicating an identifier of said remote network resource to a remote process appropriate for
said remote network resource on a remote network device;
20 accessing said remote network resource from said remote memory by said remote
process using said identifier received from said local process; and
processing said remote network resource by said remote process.
22. The network resource processing method of claim 21 wherein said remote
network resource is a document and said remote process is associated with a printing function and
25 wherein said processing step includes printing said document.
23. The network resource processing method of claim 22 wherein said local
process is a browser.

24. The network resource processing method of claim 22 wherein said local process is a word processor.

25. The network resource processing method of claim 22 wherein said local process is a document formatting application.

5 26. The network resource processing method of claim 25 wherein said document formatting application is Adobe® Acrobat® software.

27. The network resource processing method of claim 22 wherein said local process is a computer-aided design (CAD) application.

10 28. The network resource processing method of claim 27 wherein said CAD application is AUTOCAD® software.

29. The network resource processing method of claim 21 wherein said processing step includes receiving said remote network resource at a commercial shop specific for said remote network resource and producing a commercially produced publication of said remote network resource at said commercial shop.

15 30. The network resource processing method of claim 28 wherein said remote network resource is a document, wherein said commercial shop is a print shop, and wherein said commercially produced publication includes a bound document produced from a commercial printer.

20 31. A system, comprising:
a local process executable on a local network device for locating a remote network resource; and

a trigger, coupled to said local process, for initiating a communication of a resource identifier of said remote network resource to a remote network device upon activation and wherein said remote network device is responsive to said resource identifier to obtain said remote network resource using said resource identifier.

25

32. The system of claim 31 wherein said trigger initiates a communication of user account information to the remote network device.

33. The system of claim 31 wherein said trigger initiates a communication of a processing parameter of said remote network resource used by said remote network access.

34. The system of claim 31 wherein said remote network resource is a document in a portable document format (PDF) and said remote network resource is communicated to a printing system.

35. The system of claim 34 wherein said trigger initiates a communication of a page count for said document.

36. The system of claim 34 wherein said trigger initiates a remote document manufacture process.

37. The system of claim 36 wherein said remote document manufacture process accepts one or more user document manufacture control parameters.

38. The system of claim 37 wherein said one or more user document manufacture control parameters includes one of a print quantity, a color option, a binding option and a delivery option.

39. The system of claim 31 wherein said local process is a resource processing application.

40. The system of claim 39 wherein said resource processing application is an Adobe Acrobat document application.

41. The system of claim 39 wherein said resource processing application is an Internet browsing application.

42. The system of claim 41 wherein said resource processing application is an Adobe Acrobat viewer browser plug-in.

43. A system, comprising:
a network repository for storing a resource, said network repository communicating said resource to a local process executing on a local network device coupled to said network

repository wherein said network repository provides said resource to a remote network device in response to a request from said remote network device initiated from receipt of an identifier for said resource by said remote network device from said local network device.

44. A document production system, comprising:

5 a local network device accessing a network resource for document production, said network resource having an identifier and a number of printed pages and said local network device specifying a document production control;

a remote network device for receiving said identifier and said number of printed pages from said local network device wherein said remote network device retrieves said network resource using said identifier, authorizes document production using said number of pages and produces a document from said network resource responsive to said document production control.

45. A document production system, comprising:

15 a network communication system for receiving a document process request from a network device wherein said document process request includes an identifier for a remote network resource having a desired content;

an authorization system, coupled to said network communication system, for receiving from said network device a document production specification and a document production funding source; and

20 a printing system, coupled to said communication system and to said authorization controller, for producing a printed document having said desired content and conforming to said document production specification when authorized by said authorization system.

46. The document production system of claim 45 wherein said remote network resource is not included in said document process request.

47. A network printing method, the method comprising:

25 receiving, by an authorization engine, an identifier for a network resource and a printing authorization control datum from a local network device wherein said network resource includes a preestablished page content and a content format for each of a plurality of pages of said network resource;

performing a preliminary threshold authorization check by said authorization engine

using said printing authorization control datum;

estimating, in response to said preliminary threshold authorization check meeting a predetermined criterion, a fee for commercially printing said network resource;

receiving authorization from said local network device to print a network publication including said preestablished page content having said content format using a predetermined printing option;

accessing said network resource using said identifier over a network coupled to said local network device, said identifier including a URL to said network resource wherein said URL refers to a memory location other than said local network device and wherein said memory location is accessible by a remote network device coupled to said authorization engine;

printing said network publication using said predetermined printing option at a commercial printer; and

transferring said network publication to a location specified by said local network device.

48. A computer program product comprising a computer readable medium carrying program instructions for initiating remote processing of a resource when executed using a computing system, the executed program instructions executing a method, the method comprising:

- a) identifying a resource identifier for the resource from a local process of the computing system; and
- b) communicating the resource identifier to a remote process to initiate a remote processing of the resource.

49. The computer program product of claim 48 wherein said local process is a resource processing application.

50. The computer program product of claim 49 wherein said resource processing application is an Adobe Acrobat application.

51. The computer program product of claim 49 wherein said resource processing application is an Adobe Acrobat viewer plug-in for an Internet browsing application.

52. A computer program product comprising a computer readable medium carrying program instructions for processing of a resource when executed using a computing system,

the executed program instructions executing a method, the method comprising:

- a) receiving a resource identifier for the resource from a process on a second computing system;
- b) retrieving, responsive to receipt of said resource identifier, said resource
5 from a third computing system using the resource identifier;
- c) initiating a processing authorization process; and
- d) processing, responsive to an authorization from said processing
authorization process, said resource.

53. The computer program product of claim 52 wherein said receiving step a)
10 further includes receiving resource parameter data of the resource from the second computer system.

54. The computer program product of claim 52 wherein said processing
authorization process includes a payment receipt process.

55. The computer program product of claim 52 wherein said processing step d)
includes a printing process.

15 56. A document production system, comprising:
a local network device for locating and specifying a network resource for document
production, said network resource having an identifier and a number of printed pages and said local
network device specifying a document production control; and
a remote network device for receiving said identifier and said number of printed
20 pages from said local network device wherein said remote network device retrieves said network
resource using said identifier, authorizes document production using said number of pages and
produces a document from said network resource responsive to said document production control.

57. A document production system, comprising:
a network communication system for receiving a document process request from a
25 network device wherein said document process request includes an identifier for a remote network
resource having a desired content;
an authorization system, coupled to said network communication system, for
receiving from said network device a document production specification and a document production
funding source; and

a printing system, coupled to said communication system and to said authorization controller, for producing a printed document having said desired content and conforming to said document production specification when authorized by said authorization system.

5 58. The document production system of claim 57 wherein said remote network resource is not included in said document process request.

59. A network printing method, the method comprising:
receiving, by an authorization engine, an identifier for a network resource and a printing authorization control datum from a local network device wherein said network resource includes a preestablished page content and a content format for each of a plurality of pages of said
10 network resource;
performing a preliminary threshold authorization check by said authorization engine using said printing authorization control datum;
estimating, in response to said preliminary threshold authorization check meeting a predetermined criterion, a fee for commercially printing said network resource;
15 receiving authorization from said local network print device to print a network publication including said preestablished page content having said content format using a predetermined printing option;
accessing said network resource using said identifier over a network coupled to said local network device, said identifier including a URL to said network resource wherein said URL
20 refers to a memory location other than said local network device and wherein said memory location is accessible by a remote network device coupled to said authorization engine;
printing said network publication using said predetermined printing option at a commercial printer; and
transferring said network publication to a location specified by said local network
25 device.

60. A resource processing system for processing a network resource from a local network device, comprising:
a first remote process for receiving local data for the network resource to produce a process configuration for the network resource; and
30 a second remote process for receiving an identifier for the network resource and

processing the network resource responsive to said process configuration.

61. A processing method for a network resource, the method comprising:
receiving local data for the network resource at a configuration process to produce a
process configuration for the network resource;
5 receiving an identifier for the network resource and the process configuration at a
production process; and
processing the network resource responsive to the process configuration.

62. A computer program product comprising a computer readable medium
carrying program instructions for processing a network resource when executed using a computing
10 system, the executed program instructions executing a method, the method comprising:
receiving local data for the network resource at a configuration process to produce a
process configuration for the network resource;
receiving an identifier for the network resource and the process configuration at a
production process; and
15 processing the network resource responsive to the process configuration.

63. A resource processing system for initiating processing of a network
resource from a local network device through an intermediary network process, comprising:
a local process of the local network device for specifying the network resource to
the intermediary network process;
20 a first remote process for receiving local data for the network resource to produce a
process configuration for the network resource; and
a second remote process for receiving an identifier for the network resource and
processing the network resource responsive to said process configuration.

64. The system of claim 63 wherein said local data is received from said local
25 process.

65. The system of claim 64 wherein said local process is a resource accessing
application.

66. The system of claim 65 wherein said application includes an Internet

browsing process.

67. The system of claim 63 wherein said local data is received from the intermediary network process.

5 68. The system of claim 67 wherein the intermediary network process includes a web server on a remote network device.

69. A resource processing system for processing a network resource from a local network device, comprising:
a first remote process for receiving local data for the network resource from a resource accessing process of the local network device to produce a process configuration for the
10 network resource; and
a second remote process for receiving an identifier for the network resource and processing the network resource responsive to said process configuration.

70. The system of claim 69 wherein said first remote process is a configurator process that estimates a processing cost solely from the local data.

15 71. The system of claim 69 wherein said second remote process produces one or more printer files from the network resource.

72. The system of claim 71 wherein said second remote process inserts printer control codes into one or more printer files.

20 73. The system of claim 71 wherein said second remote process implements a preprocess of at least a portion of a content of the network resource.

74. The system of claim 73 wherein said preprocess scales said portion.

75. The system of claim 73 wherein said preprocess modifies a font of said portion.

25 76. The system of claim 73 wherein said preprocess reduces a page count for the network resource.

77. The system of claim 76 wherein said preprocess combines content from at least two pages of the network resource onto a single page of one of said pages in said one or more printer files.

5 78. The system of claim 73 wherein said preprocess translates at least one word of the network resource from one language into a second language to produce a translation wherein said translation is substituted in a printer file for said at least one word.

79. The system of claim 73 wherein said preprocess juxtaposes content of portions of at least two pages of the network resource onto a single printer page in at least one of said printer files.

10 80. The system of claim 79 wherein said at least two pages of said network resource have a first height and a first width and wherein said single printer page has a page height and a page width wherein one of said page dimensions is at least about twice one of the dimensions of the pages of the network resource.

15 81. The system of claim 68 wherein said web server dynamically constructs the network resource responsive to the local network device.

82. A system for initiating a print of a network document, comprising:

a local process on a local network device that communicates a set of locally-derived data of the network document to a print configuration process and communicates an identifier of the network document to a print process on a remote network device;

20 wherein the configuration process creates a print configuration; and

wherein said print process prints the network document responsive to said print configuration.

25 83. The system of claim 82 wherein said set of locally derived data includes said identifier and said local process communicates said identifier to said print process using said print configuration.

84. The system of claim 82 wherein said set of locally derived data includes a page count for the network resource.

85. The system of claim 82 wherein said set of locally derived data does not include any content of the network resource.

5 86. The system of claim 85 wherein said configuration process estimates a cost to print the network resource using said set of locally derived data.